Ohio State University
Spray-Start Spray Atomization Study

Researchers:

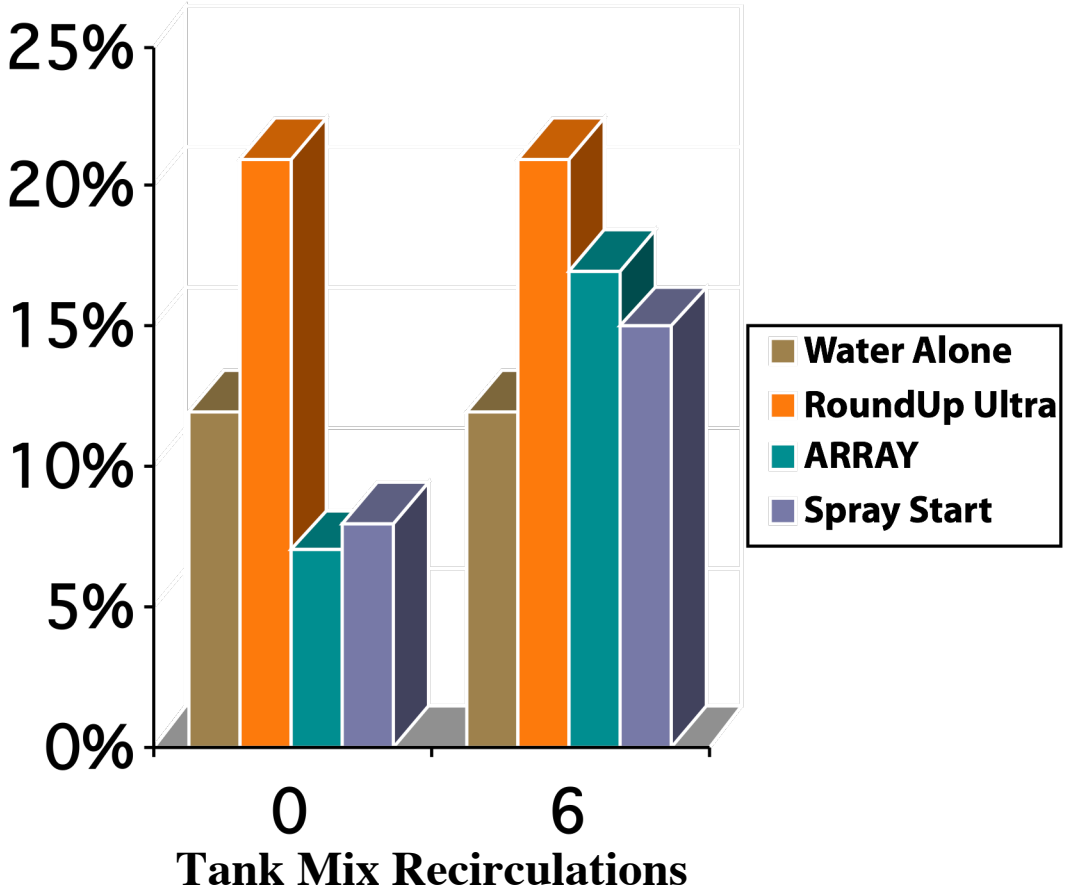
Roger A. Downer, James K. Hacker, and Franklin R. Hall

Pump Shear Effect

Spray Start demonstrated similar resistance to pump shear as that of ARRAY®.

Spray Start 10 lb/100
Array 9 lb/100

Percent spray droplets that are less than 150 microns (Size Considered Likely to Drift)



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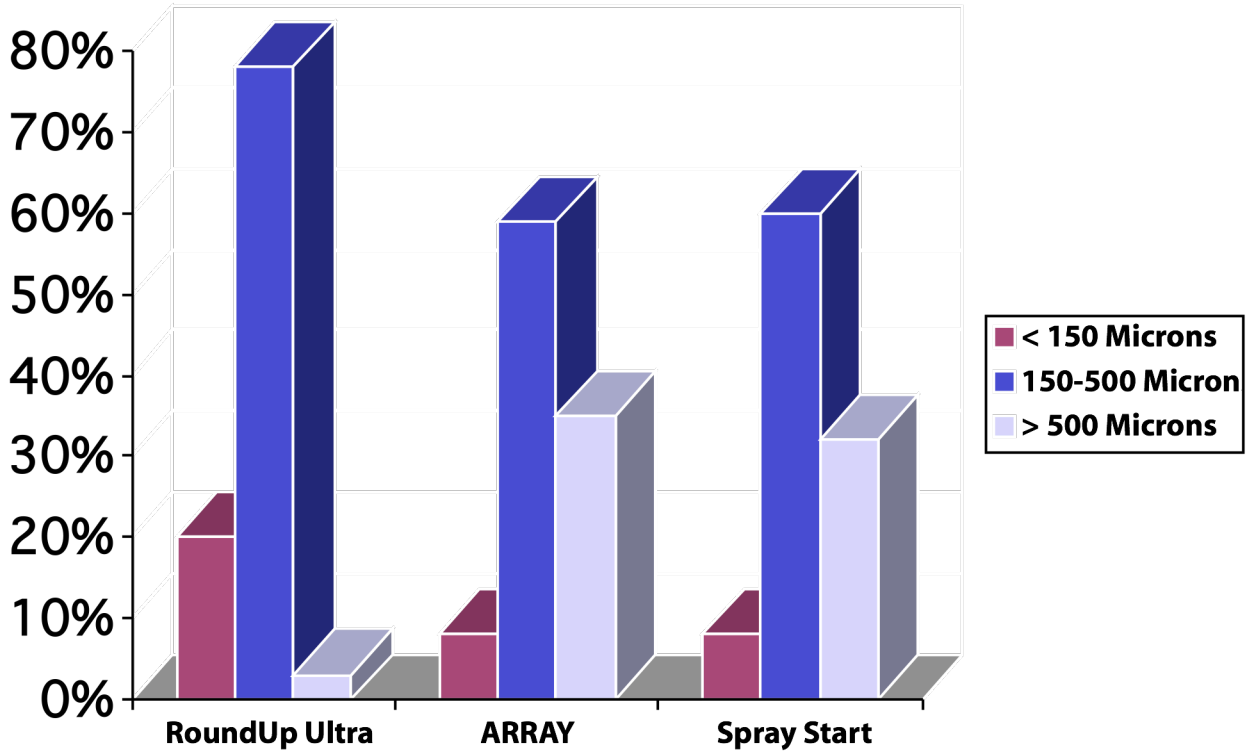
Droplet Size Distribution

Percent Volume Droplet Size in Microns



Spray Start 10 lb/100
Array 9 lb/100

Tank Mix Recirculations: None

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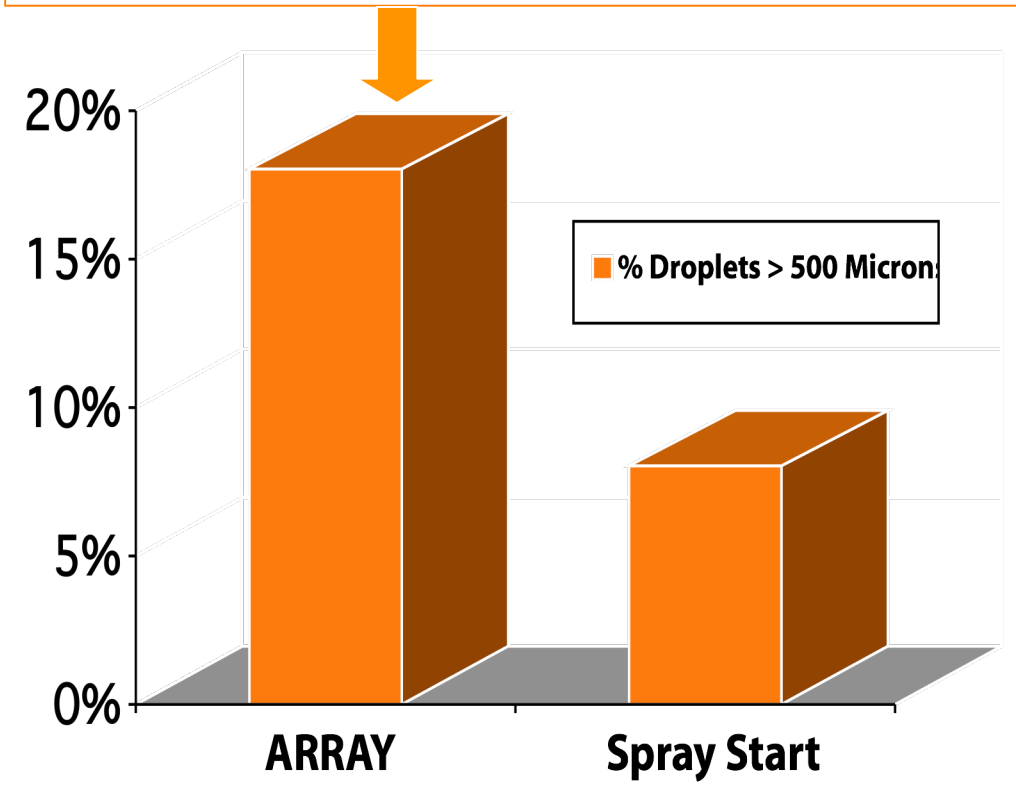
Spray Droplet Deposition and Retention

Ohio State University research shows that droplets > 500 microns are susceptible to target "bounce-off."

Spray Start 10 lb/100
Array 9 lb/100

After recirculation, Array spray droplets show more than twice the droplets considered too large and likely to "bounce off" target.



Three (3) Tank Mix Recirculations

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